PENDING CLAIMS

1. (Currently Amended) A communications device, comprising:

a tunable oscillator configured to produce a first reference signal and to produce a second reference signal;

a first receiver configured to recover ~~a~~n first information signal from a first carrier using the first reference signal;

a second receiver configured to recover a second information signal from a second carrier using the second reference signal, the second receiver being configured to operate in an active state and an idle state; and

a processor configured to detect a frequency error in the information signal, ~~and~~ periodically tune the oscillator to reduce the frequency error and to enable the tuning of the oscillator if the frequency error crosses a first threshold, and once enabled, continue tuning the oscillator until the frequency error is reduced below a second threshold, wherein the first and second thresholds are a function of the state of the second receiver.

2. (Original) The communications device of claim 1 wherein the processor further comprises a rotator configured to compensate for the frequency error concurrently with the periodic tuning of the oscillator.

3. (Currently Amended) The communications device of claim 2 wherein the processor is further configured to operate in a acquisition state and a synchronized state, the processor being further configured to acquire the first carrier without tuning the oscillator during the acquisition state, and periodically tune the oscillator to reduce the frequency error and use the rotator to compensate for the frequency error during the synchronized state.

4. (Currently Amended) The communications device of claim 1 wherein ~~the~~

~~tunable oscillator is further configured to produce a second reference signal, the communications device further comprising a second receiver configured to recover a second information signal from a second carrier using the second reference signal~~, the processor being further configured to disable the second receiver during the tuning of the oscillator.

5. (Original) The communications device of claim 4 wherein the processor is further configured to provide to the second receiver a signal relating to the frequency error, and wherein the second receiver is further configured to use the signal relating to the frequency error to acquire the second carrier following the tuning of the oscillator.

6. (Currently Amended) The communications device of claim ~~4~~ 1 wherein the second receiver comprises a Global Positioning Satellite receiver.

7. (Original) The communications device of claim 6 wherein the processor comprises a wide band code division multiple access processor.

8. (Canceled)

9. (Currently Amended) The communications device of claim ~~8~~ 1 wherein the first threshold is greater than the second threshold.

10. (Currently Amended) The communications device of claim ~~8~~ 1 wherein the processor is further configured to interface to a particular communications network, and wherein the first and second thresholds are a function of the particular communications network for which the processor is configured to interface with.

11. (Canceled)

12. (Currently Amended) The communications device of claim ~~11~~ 1 wherein the second receiver comprises a Global Positioning Satellite receiver, the Global Positioning Satellite receiver being in the active state when computing a navigational solution.

13. (Currently Amended) A communications device, comprising:

a tunable oscillator configured to produce a first reference signal and a second reference signal;

a first receiver configured to recover ~~an~~ first information signal from a first carrier using the first reference signal;

a second receiver configured to recover a second information signal from a second carrier using the second reference signal and to operate in an active state and an idle state; and

a processor configured to detect a frequency error in the first information signal, and tune the oscillator if the frequency error crosses a first threshold, wherein the first threshold is a function of the state of the second receiver, the processor being further configured to disable the second receiver during the tuning of the oscillator.

14. (Currently Amended) The communications device of claim 13 wherein the processor is further configured to tune the oscillator once the frequency error crosses the first threshold until the frequency error is reduced below a second threshold.

15. (Currently Amended) The communications device of claim 14 wherein the first threshold is greater than the second threshold.

16. (Currently Amended) The communications device of claim 13 wherein the processor is further configured to interface to a particular communications network, and wherein the first threshold is a function of the particular communications network for which the processor is configured to interface with.

17. (Canceled)

18. (Currently Amended) The communications device of claim ~~17~~ 13 wherein the processor is further configured to provide to the second receiver a signal relating to the frequency error, and wherein the second receiver is further configured to use the signal relating to the frequency error to acquire the second carrier following the tuning of the oscillator.

19. (Currently Amended) The communications device of claim ~~17~~ 13 wherein the second receiver comprises a Global Positioning Satellite receiver.

20. (Original) The communications device of claim 19 wherein the processor comprises a wide band code division multiple access processor.

21. (Canceled)

22. (Currently Amended) The communications device of claim ~~21~~ 13 wherein the second receiver comprises a Global Positioning Satellite receiver, the Global Positioning Satellite receiver being in the active state when computing a navigational solution.

23. (Currently Amended) A method of communications, comprising:

recovering a~~n~~ first information signal from a first carrier using a first reference signal;

periodically computing a navigational solution from a second information signal from a Global Positioning Satellite system, the second information signal being recovered from a second carrier using a second reference signal;

detecting a frequency error in the first information signal; and

periodically tuning the first reference signal to reduce the frequency error and enabling the tuning of the first reference signal when the frequency error crosses a first threshold, and once enabled, continuing to tune the first reference signal until the frequency error is reduced below a second threshold, the first reference signal and the second reference signal being generated from a common oscillator, and wherein the first and second thresholds are a function of whether the computational solution is being computed.

24. (Currently Amended) The method of claim 23 further comprising rotating the first information signal to compensate for the frequency error concurrently with the periodic tuning of the first reference signal.

25. (Currently Amended) The method of claim 24 further comprising acquiring the first carrier without tuning the first reference signal, and wherein the periodic tuning of the first reference signal together with the rotation of the first information signal is performed following the first carrier acquisition.

26. (Currently Amended) The method of claim 23 further comprising disabling recovery of ~~a~~ the second information signal ~~from a second carrier using a second reference signal~~ during the tuning of the first reference signal, the first reference signal and the second reference signal being generated from a common oscillator.

27. (Original) The method of claim 26 further comprising generating a signal relating to the frequency error, and using the signal to acquire the second carrier following the tuning of the first reference signal.

28. (Original) The method of claim 26 wherein the second carrier with the second information signal is from a Global Positioning Satellite system.

29. (Currently Amended) The method of claim 28 wherein the first carrier

with the first information signal comprises a wide band code division multiple access network.

30. (Canceled)

31. (Currently Amended) The method of claim ~~30~~ 23 wherein the first threshold is greater than the second threshold.

32. (Currently Amended) The method of claim ~~30~~ 23 further comprising receiving the first carrier with the first information signal from a particular communications network, and wherein the first and second thresholds are a function of the particular communications network from which the first carrier is received.

33. (Canceled)

34. (Canceled).

35. (Canceled)

36. (Canceled)